

41

1754/10  
✓



Pra titioner's Docket No. MSU 4.1-553

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Thomas J. Pinnavaia, Zhaorong Zhang and  
Randall Hicks  
Application No.: 09 /917,147 Group No.: 1754  
Filed: July 27, 2001 Examiner: Peter J. Lish  
For: MESOSTRUCTURED TRANSITION ALUMINAS

RECEIVED  
FEB 10 2004  
TC 1700

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT TRANSMITTAL**

**WARNING:** Failure to file a complete response in compliance with § 1.135(c) leads to a reduction in patent term adjustment — See § 1.704(c)(7).

1. Transmitted herewith is an amendment for this application.

**STATUS**

2. Applicant is

- ☒ a small entity. A statement:  
☐ is attached.  
☒ was already filed.

**CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10\***  
(When using Express Mail, the Express Mail label number is mandatory;  
Express Mail certification is optional.)

I hereby certify that, on the date shown below, this correspondence is being:

**MAILING**

- ☒ deposited with the United States Postal Service in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450  
37 C.F.R. § 1.8(a) 37 C.F.R. § 1.10 \*  
☒ with sufficient postage as first class mail. ☐ as "Express Mail Post Office to Addressee"  
Mailing Label No. \_\_\_\_\_ (mandatory)

**TRANSMISSION**

- ☐ facsimile transmitted to the Patent and Trademark Office, (703) \_\_\_\_\_

Jessica R. House  
Signature

Date: 01/29/04

Jessica R. House  
(type or print name of person certifying)

\* Only the date of filing (§ 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under § 1.8 continues to be taken into account in determining timeliness. See § 1.703(f). Consider "Express Mail Post Office to Addressee" (§ 1.10) or facsimile transmission (§ 1.6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.

## FEE FOR CLAIMS

4. The fee for claims (37 C.F.R. § 1.16(b)-(d)) has been calculated as shown below:

(Col. 1)		(Col. 2)		(Col. 3)		SMALL ENTITY		OTHER THAN A SMALL ENTITY	
CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO PREVIOUSLY PAID FOR		PRESENT EXTRA		ADDIT. FEE		OR RATE	
TOTAL	7	MINUS	26	=	-0-	x\$9=	\$ 0.00	x\$18=	\$
INDEP.	3	MINUS	10	=	-0-	x\$43=	\$ 0.00	x\$86=	\$
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				=	-0-	+\$145=	\$ 0.00	+\$290=	\$
						TOTAL ADDIT. FEE	\$ 0.00	OR	TOTAL ADDIT. FEE
									\$

- \* If the entry in Col. 1 is less than entry in Col. 2, write "0" in Col. 3.
  - \*\* If the "Highest No. Previously Paid for" IN THIS SPACE is less than 20, enter "20."
  - \*\*\* If the "Highest No. Previously Paid For" IN THIS SPACE is less than 3, enter "3."
- The "Highest No. Previously Paid For" (Total or Indep.) is the highest number found in the appropriate box in Col. 1 of a prior amendment or the number of claims originally filed.

**WARNING:** "After final rejection or action (§ 1.113) amendments may be made cancelling claims or complying with any requirement of form which has been made." 37 C.F.R. § 1.116(a) (emphasis added).

(complete (c) or (d), as applicable)

(c) ☒ No additional fee for claims is required.

OR

(d) ☐ Total additional fee for claims required \$ \_\_\_\_\_

## FEE PAYMENT

- ☒ Attached is a ☒ check ☐ money order in the amount of \$ 55.00
- ☐ Authorization is hereby made to charge the amount of \$ \_\_\_\_\_
  - ☐ to Deposit Account No. \_\_\_\_\_
  - ☐ to Credit card as shown on the attached credit card information authorization form PTO-2038.

**WARNING:** Credit card information should not be included on this form as it may become public.

- ☐ Charge any additional fees required by this paper or credit any overpayment in the manner authorized above.

A duplicate of this paper is attached.

## FEE DEFICIENCY

**NOTE:** If there is a fee deficiency and there is no authorization to charge an account, additional fees are necessary to cover the additional time consumed in making up the original deficiency. If the maximum, six-month period has expired before the deficiency is noted and corrected, the application is held abandoned. In those instances where authorization to charge is included, processing delays are encountered in returning the papers to the PTO Finance Branch in order to apply these charges prior to action on the cases. Authorization to charge the deposit account for any fee deficiency should be checked. See the Notice of April 7, 1986, (1065 O.G. 31-33).

6. ☒ If any additional extension and/or fee is required, charge Account  
No. 13-0610

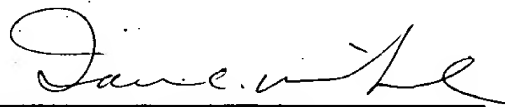
## AND/OR

- ☒ If any additional fee for claims is required, charge Account  
No. 13-0610

Reg. No.: 20,931

Tel. No.: (517 ) 347-4100

Customer No.: 21036



SIGNATURE OF PRACTITIONER

Ian C. McLeod

(type or print name of practitioner)

2190 Commons Parkway

P.O. Address

Okemos, Michigan 48864



Attorney Docket No. MSU 4.1-553  
Appl. No. 09/917,147  
Amdt. Dated: January 22, 2004  
Reply to Office Action of 10/22/2003

RECEIVED  
FEB 10 2004  
TC 1700

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No. : 09/917,147 Confirmation No. 1331  
Applicants : Thomas J. Pinnavaia, Zhaorong Zhang  
And Randall Hicks  
Filed : July 27, 2001  
Title : MESOSTRUCTURED TRANSITION ALUMINAS  
  
TC/A.U. : 1754  
Examiner : Peter J. Lish  
  
Docket No. : MSU 4.1-553  
  
Customer No. : 21036

MAIL STOP AMENDMENT (FEE)  
COMMISSIONER FOR PATENTS  
P. O. BOX 1450  
ALEXANDRIA VA 22313-1450

AMENDMENT UNDER 37 CFR 1.111

Sir:

In response to the Office Action mailed October 22, 2003, Applicants amend and remark as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 17 of this paper.